



SEVENTY FIFTH
ANNUAL
CATALOGUE
OF
BOWDOIN COLLEGE,
FOR THE ACADEMICAL YEAR
1876-7.

APRIL, 1876.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE,

BRUNSWICK, MAINE,

FOR THE YEAR 1876 - '77.

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TELEGRAPH PRINTING OFFICE.

1877.

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Charles Gardiner Wheeler, SC.B., Engineering.	<i>Winchendon, Mass.</i>
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Melcher, Samuel Appleton	<i>Brunswick,</i>	Mr. Melcher's.
Metcalf, Edward Clarence	<i>Brunswick,</i>	Mr. Metcalf's.
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Pratt, Edwin Judson	<i>Yarmouth,</i>	15 M. H.
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Sewall, James Wingate	<i>Oldtown,</i>	9 W. H.
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Tillson, George William	<i>Thomaston,</i>	Mr. Bowker's.

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Moulton, Leander	<i>Durham,</i>	Mr. Griffin's.
Potter, Barrett	<i>Brunswick,</i>	Rev. Mr. Potter's.
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Purington, George Colby	<i>North Anson,</i>	16 M. H.
Sargent, William Edward	<i>Freeport,</i>	Mrs. Scribner's.

Seavey, George Wentworth,	<i>Dover, N. H.,</i>	25 A. H.
Smith, Samuel Emerson	<i>Thomaston,</i>	25 W. H.
Thing, John Wentworth	<i>Limerick,</i>	32 A. H.

SCIENTIFIC DIVISION.

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Burton, Alfred Edgar	<i>Portland,</i>	9 A. H.
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Jacobs, Carson Minor	<i>Farmington,</i>	5 A. H.
Paine, Philip Lee	<i>Portland,</i>	25 A. H.
Sewall, Joseph	<i>Oldtown,</i>	9 W. H.

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Bowker, Heber Durgin	<i>Salem, N. H.,</i>	28 M. H.
Carleton, Henry Baird	<i>Rockport,</i>	Miss Babb's.
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Dinsmore, Bryant Wood	<i>New York City,</i>	11 M. H.
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Henderson, Horace Eben	<i>Wiscasset,</i>	15 A. H. •
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Johnson, George Washington	<i>Bluehill,</i>	Mrs. Pennell's.
Kimball, Frank	<i>Kennebunk,</i>	28 M. H.

Pennell, Albert Henry	<i>Westbrook,</i>	30 A. H.
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SCIENTIFIC DIVISION.

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Burbank, Edwin Charles	<i>Limerick,</i>	27 M. H.
Coffin, Frederick Fulsome	<i>Winthrop,</i>	32 A. H.
Cony, Frederick	<i>Augusta,</i>	26 W. H.
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Dane, Walter Lee,	<i>Kennebunk,</i>	25 M. H.
Edwards, Ayres Mason	<i>Bethel,</i>	26 M. H.
Ferguson, William Proctor	<i>Shapleigh,</i>	Mrs. Dunning's.
Giveen, Horace Robert	<i>Brunswick,</i>	Mrs. Giveen's.
Goulding, Franklin	<i>Lewiston,</i>	27 W. H.
Hall, Frederic Winslow	<i>North Gorham,</i>	16 A. H.
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UNDERGRADUATE INSTRUCTION.

CLASSICAL DEPARTMENT.

TERMS OF ADMISSION.

Candidates for admission into the Freshman Class are examined as follows : —

Latin Grammar, including Prosody ; Writing Latin ; (XXXV. lessons in Allen's Latin Composition are recommended as indicating the amount required;) Virgil, the Bucolics, Georgics, and six books of the Æneid; Cicero, Seven Orations ; Sallust.

Hadley's Greek Grammar ; Xenophon's Anabasis, four books, and Homer's Iliad, two books ; Jones's Greek Prose Composition.

Arithmetic, including the metric system ; Algebra, to equations of the second degree ; Loomis's Geometry, first and third books.

English Grammar ; Ancient and Modern Geography.

Real equivalents for any of the foregoing requirements will be accepted.

They must produce certificates of their good moral character. The time for examination is the Friday after Commencement, and the first Thursday of the first term. Candidates for admission into the other classes will be examined in the books which have been studied by the class into which admission is requested. A student from another college, before he can be examined, must produce a certificate of his regular dismissal.

COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM — Livy and Latin Composition. Selections from Greek Authors and Greek Composition. Ancient History (Rawlinson). Algebra.

SECOND TERM — Livy and Latin Composition. Herodotus, Lysias and Greek Composition. Ancient History. Geometry.

THIRD TERM — Odes of Horace. Odyssey and Greek Composition. Ancient History. Plane Trigonometry, Mensuration, Surveying and Navigation.

SOPHOMORE YEAR.

FIRST TERM — Satires and Epistles of Horace. Demosthenes. French. Rhetoric. Spherical Trigonometry. Conic Sections.

SECOND TERM — Cicero; Tusculan Disp. Bk. I. Sophocles. French. Analytical Geometry.

THIRD TERM — Terence. Plato. French. Logic. English Literature. Quaternions (optional).

JUNIOR YEAR.

FIRST TERM — Tacitus and Juvenal (elective). Calculus (elective). German. Physics, Lectures and Recitations. Optional Greek.

SECOND TERM — German. Lectures on Philology. Analytical Chemistry. Astronomy. Greek (optional). Quintilian (optional).

THIRD TERM — German, Faust, or Hermann and Dorothea. Lectures on Philology. Mineralogy and Crystallography. Structural Botany. Optional Greek. Optional Latin.

SENIOR YEAR.

FIRST TERM — Political Economy, Walker's Science of Wealth. Geology, Dana's. Evidences of Christianity, Paley. Constitutional Law, Andrews.

SECOND TERM — Mental Philosophy, Hopkins' Study of Man. Evidences of Christianity, Butler's Analogy. Chemistry, Lectures and Laboratory work. International Law, Woolsey's.

THIRD TERM — Moral Philosophy, Gregory's Ethics. Chemistry, Lectures and Recitations. Political Ethics, Mulford's Nation.

Exercises in Composition and Oratory throughout the course

SCIENTIFIC DEPARTMENT.

TERMS OF ADMISSION.

Applicants for admission should produce testimonials of good moral character. They will be examined in the following subjects:—

MATHEMATICS. — Arithmetic, including Common and Decimal Fractions, Interest, Square Root and the Metric System; Algebra, to Equations of the Second Degree; Loomis's Geometry, Books I. and III.

GEOGRAPHY. — Descriptive Geography. Physical Geography, Guyot's or an equivalent.

HISTORY. — Leading facts in general History, and especially in American History.

LATIN. — The Latin required for admission in this Department is the same as that required for admission to the Classical Course.

ENGLISH. — English Grammar. In addition to the principles of English Grammar, the examination will include *Writing* a few sentences in English, on some familiar subject, reference being had to spelling and punctuation as well as to composition, and *Correction* of ungrammatical sentences composed for the purpose.

The time for admission is the Friday after Commencement, and the first Thursday of the first term. In exceptional cases applicants may be examined at other times.

Students in Engineering (not candidates for a degree) will be received at any stage for which they are found fitted, upon examination in the appropriate studies of that course.

COURSE OF STUDY.

The studies of the first two years are common throughout the Department, and are intended to lay a broad and substantial foundation for all branches of subsequent study. In the last two years the studies are arranged in two distinct courses.

FRESHMAN YEAR.

FIRST TERM — Seeley's English Lessons. Otto's French Grammar, or Advanced French; Guizot, *Hist. de la civilization en Europe*. Algebra. Geometry.

SECOND TERM—French. Geometry. Algebra. Elements of Drawing for Engineering Students. Ancient History.

THIRD TERM—French. Plane and Spherical Trigonometry. Surveying, with field practice. Conic Sections. Drawing for Engineering Students. Ancient History.

SOPHOMORE YEAR.

FIRST TERM — Analytical Trigonometry. Analytical Geometry. General Chemistry; Laboratory work. Rhetoric. Advanced French; Bard et Robiquet, *Droit constitutionnel comparé*.

SECOND TERM—Differential Calculus. Chemistry. Logic.

THIRD TERM—Integral Calculus. Chemistry and Mineralogy. Botany. Drawing for Engineering Students throughout the year.

JUNIOR YEAR.

FIRST TERM — Physics, Lectures and Recitations. Physiology and Hygiene. German, Comfort's Grammar.

SECOND TERM—Physics, Lectures and Recitations. Zoölogy. Spectroscopy and Photography. German.

THIRD TERM—Zoölogy. Astronomy. German, Faust.

SENIOR YEAR.

FIRST TERM — Geology, Dana's Manual. Political Economy. Walker. Constitutional Law, Andrews. Evidences of Christianity.

SECOND TERM—Intellectual Philosophy, Hopkins' Outline Study of Man. Chemistry, Lectures and Recitations. Geology, Dana's Manual. International Law, Woolsey.

THIRD TERM—Moral Philosophy, Gregory's Ethics. Chemistry, Lectures and Recitations. Comparative Anatomy. Political Science, Mulford's Nation.

Exercises in Composition and Oratory throughout the course.

ENGINEERING.

Students in this department may take a course in Civil or in Mechanical Engineering. The admission is the same as to the Scientific department, except that a full equivalent in French will be taken, if desired, in the place of Latin. Candidates are earnestly advised, however, to fit themselves in all the Latin required for the regular course. The studies of the first and second years are those already given in the Scientific Course, except that Drawing is commenced in the Freshman year, and an extended course of Field-work is taken during the Sophomore year. Those who complete satisfactorily the four years' course in Engineering will receive the degree of Sc.B. Students not candidates for a degree will be received at any stage for which an examination shall show them to be fitted, and may remain for any desired time. A circular will be sent to any person desiring further information in regard to the Engineering department, containing the course of study, the cost of tuition, and specimens of the examination papers for admission.

JUNIOR YEAR.

FIRST TERM — Physics. Descriptive Geometry. Field-work, with the Transit and Level. Plotting of Plans and Profiles. Topographical and Mechanical Drawing. English Composition and German.

SECOND TERM—Physical Laboratory. Shades, Shadows and Perspective. Architectural, Topographical and Mechanical Drawing. English Composition and German.

THIRD TERM—Field-work, with the Transit and Level. Barometrical measurement of heights. Principles of Mechanism. Engineering and Mechanical Drawing. English Composition and German.

SENIOR YEAR.

FIRST TERM — Survey and Location of Roads and Railroads, Earth-work, Rock-work, Tunnelling, Foundations, and Masonry. Estimates for work. Chemistry and Metallurgy of Iron and Steel. Elements of Machinery and application of Drawing to Engineering structures, and to Mechanism. Political Economy.

SECOND TERM—Nature and strength of wood, iron and steel. Carpentry and Building. Wooden and iron bridges. Railway Superstructure and Equipment. Metal working and study of Machine Tools. General Theory and Details of the various forms of the Steam Engine, and practice in the designing of Engineering works.

THIRD TERM—River and Harbor improvements. Dams, Locks and Canals. Drainage and Sewerage. Water supply for cities. Measurement of the flow and discharge of water, with modes of estimating its power. Water wheels. Turbines and water-pressure engines. Mills and Mill work. History of Civil and of Mechanical Engineering, and History of Architecture.

POST-GRADUATE INSTRUCTION.

Facilities will be afforded to students who desire to pursue their studies after graduation either with or without a view to a Degree, and to others who wish to pursue special studies, either by themselves, or in connexion with the regular classes, without becoming matriculated members of College.

CABINETS.

The Cabinets, available for purposes of illustration, in the Department of Natural Science, are the following:—

The Museum of the First Geological Survey of Maine.

The Cleaveland and Haiiy Collections of Minerals.

The Mineralogical and Geological Collections of the late Mrs. FREDERIC ALLEN of Gardiner, Maine.

The Shattuck Conchological Collection.

The Cushman Ornithological Collection.

The Blake Herbarium.

The Anatomical Museum.

Under certain regulations, the Cabinets are accessible to all students of the College.

By the munificence of the Hon. PELEG W. CHANDLER, of Boston, the upper portion of Massachusetts Hall has recently been converted into a large and beautiful room for a Cabinet of Natural History, in memory of the late Professor PARKER CLEAVELAND.

The various collections illustrating Natural History belonging to the College will be arranged here, and ample opportunity afforded for advanced study in this department of science.

Contributions to these Cabinets will be gratefully received and acknowledged.

THE GALLERY OF PAINTINGS.

By the Will of the Hon. JAMES BOWDOIN, the College in 1811 came into possession of his entire collection of paintings, about one hundred in number, procured by him with great care and expense in Europe, and considered at that time the finest collection in this country. Valuable paintings presented by other donors, including the entire collection of the late Col. GEORGE W. BOYD, have since been added. By the favor of its friends the College is still receiving Portraits and Busts of eminent persons, and various works of art, which greatly enhance the value and attractiveness of its collections. The Gallery will be open at Library hours, and admission may be gained at other times for purposes of study by application to the President or Curator.

LIBRARIES.

The number of volumes in the College Library is.....	17,500
Medical Library.....	4,000
Peucinian.....	7,150
Athenæan.....	5,950
Total.....	34,600

The College Library is open for consultation daily, except Sundays.

The rooms, library, and interesting collections of the Maine Historical Society are immediately contiguous to the College Library, and, under regulation, are accessible to all persons who desire to visit them.

MILITARY SCIENCE.

Provision has been made, under the laws of the United States, and through the favor of the State Government, for instruction in Military Science. An officer of the Army is on duty here, and instruction is given to those who desire it in the three arms of the Service, and in the minor operations of war, with an outline of general Military Science. It is not proposed to invade in any degree the regular College course by these studies, but to profit, as far as practicable, by the provision of the Government under which this instruction is afforded as a branch of the public service.

The physical exercises of this department have long been regarded as peculiarly adapted to bring out manly strength and dignity, and to promote habits of obedience and self command, and a spirit of courtesy and honor.

THE GYMNASIUM.

In order to secure proper attention to Physical Culture, a Gymnasium has been put in successful operation. It is provided with the most approved apparatus, and is open every day except Sunday. The exercises constitute a systematic course based upon physiological and hygienic principles, and are under the immediate supervision of the Director, who will strictly prohibit any violent or injurious practice. The salutary effects of this exercise will be perceived not only in the general tone of health and strength among the students, but in the correction of physical defects and weakness, and even of incipient disease in individual cases.

Each student, not for sufficient reasons excused by the Faculty, will be required to elect between the Gymnastic and the Military Exercises.

PECUNIARY AID.

Meritorious students with slender pecuniary means may receive considerable assistance from the College. It should be understood, however, that good capacity, character and conduct, are indispensable conditions on which aid is given.

SCHOLARSHIPS.

BROWN MEMORIAL SCHOLARSHIPS.

A fund has been given for the support of four scholarships in Bowdoin College, by Hon. J. B. BROWN, of Portland, in memory of his son, the late JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid the sum of *Fifty Dollars* annually to the best scholar in each undergraduate class who shall have graduated at the High School in Portland, after having been a member thereof not less than one year.

ALFRED JOHNSON SCHOLARSHIPS.

These Scholarships, three in number, of \$1000 each, were founded by the late Hon. ALFRED W. JOHNSON, of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, one of the founders and earliest Trustees of the College, and of his father, Hon. ALFRED JOHNSON, one of the earliest graduates and Trustees.

SHEPLEY SCHOLARSHIP.

This is a fund of \$1000, given by the Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. The income of this is to be appropriated for the aid of students who are studying to enter the ministry of the Trinitarian Congregational or Presbyterian Church.

WILLIAM SEWALL SCHOLARSHIP.

A Scholarship of \$1000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS.

Three Scholarships of \$1000 each, founded by the Will of the late Miss MARY CLEAVES.

MARY L. SAVAGE MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Franklin, N. H., in memory of his wife, MARY L. SAVAGE, for the benefit of students having in view the Christian ministry of the Evangelical Church.

JOHN C. DODGE SCHOLARSHIP.

A fund of \$1000, given by Hon. JOHN C. DODGE, of Boston, in aid of needy students in the Classical Department. The recipients to rank above two-thirds of their classmates, and to be selected by the donor.

CRAM MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Hon. MARSHALL CRAM, of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP.

A Scholarship of \$1500, founded by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, class of 1843, who died in Newbern, North Carolina, in the service of the United States.

STEPHEN SEWALL SCHOLARSHIP.

This is a fund of \$1000 given by Deacon STEPHEN SEWALL of Winthrop, the income of which is to be appropriated to aid students preparing to enter the ministry of the Evangelical Congregational Church. No student shall ever have the benefit of this fund who is not entirely free from the common use of tobacco or intoxicating liquors.

CHARLES DUMMER SCHOLARSHIP.

A Scholarship of \$1000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIP.

A Scholarship of \$1000, founded by Hon. W. W. THOMAS, of Portland.

THE BUXTON SCHOLARSHIPS.

A fund at present amounting to \$1500, contributed by Citizens and Natives of Buxton, Maine, through CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

BENJAMIN DELANO SCHOLARSHIP.

A Scholarship of \$1000, bequeathed by the late Capt. BENJAMIN DELANO, of Bath.

AND EMERSON SCHOLARSHIPS.

A fund amounting at present to \$5215, given by the Will of the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB, the income to go to students studying to enter the ministry of the Orthodox Congregational Church.

SMYTH SCHOLARSHIP.

A fund of \$5000, the gift of HENRY J. FURBER, Esq., of New York, named by him in honor of the late Professor WILLIAM SMYTH. The income at six per cent. is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the Classical course. To determine the rank, a special examination is held in April, the result of which is combined with the rank of the five preceding terms. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the scholarship for the remainder of the time.

In connection with this gift, Mr. Furber has also made provision for a Library Fund, the income of which is to be spent in the purchase of books for the College Library, preference being given to mathematical works.

BENEFICIARY FUNDS.

LAWRENCE FUND.

This is a fund of \$6000, given by Mrs. AMOS LAWRENCE, of Massachusetts. The income is to be annually appropriated for the payment of the whole or a part of the tuition of meritorious students in Bowdoin College who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

THE LORD FUND.

This is a fund of \$2000, given by DANIEL W. LORD, Esq., of Kennebunkport, the income to be appropriated to pay the tuition of meritorious students who in the opinion of the Faculty stand in need of aid. "The aid of this fund shall not be given to students who use intoxicating liquors, or intoxicating and injurious drugs of any kind, such as opium and tobacco, unless prescribed by a physician as a medicine."

THE AMERICAN EDUCATION SOCIETY.

Young men in need of aid, who are studying for the ministry of the Congregational Church, may be assisted by this Society to the amount of \$100 a year.

PRIZES.

The sum of *Thirty Dollars* is annually given to members of the Senior Class as a premium for excellence in English Composition.

Prizes amounting to *Thirty Dollars* are in like manner assigned to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

A Prize of *Ten Dollars* — called the Sewall Premium — is awarded also to members of the Sophomore Class for excellence in Declamation.

Two Prizes, one of *Thirty* and one of *Twenty Dollars*, are offered to the Junior Class by PHILIP HENRY BROWN, Esq., of Portland, for excellence in extemporaneous English Composition.*

A Prize of *Sixty Dollars*, established by a donation of \$1150 from the Class of 1868, will be awarded annually to the author of the best written and spoken Oration in the Senior Class.

A Prize of *Twenty-five Dollars* is offered to the member of the Sophomore Class who sustains the best examination in Greek, and an equal Prize to the one who sustains the best examination in Latin, at the Annual Examination.

The Bowdoin Association of the East offers a Gold Medal valued at *Fifty Dollars*, or in lieu thereof at option, *Fifty Dollars* in money, — the same to be called "The St. Croix Medal," or "The St. Croix Prize," to the best debater of the Athenæan and Peucinian Societies.

A Prize of *Three Hundred Dollars* is awarded during Sophomore year to the best mathematical scholar in the Classical course. (See Smyth Scholarship.)

PUBLIC EXHIBITIONS DURING THE YEAR.

Two Public Exhibitions of the Senior and Junior Classes, the appointments to which are made with reference to scholarship.

Prize Declamation by members of the Junior Class.

Prize Declamation by members of the Sophomore Class.

Public competition for 1868 Prize by members of the Senior Class.

Prize Debate of Literary Societies.

Gymnastic Exhibition.

*It is possible this may not be available the present year.

ANNUAL EXPENSES.

Tuition, \$75. Room rent, (half) average, \$20. Incidentals, \$10. Total regular College charges, \$105. Those who use the Laboratory of Analytical Chemistry are charged additionally at the rate of \$5 a term.

Board is obtained in town at \$2.75 to \$4.00 a week. Other necessary expenses will probably amount to \$40 a year. Students can, however, by forming clubs under good management, very materially lessen the cost of living.

Term bills are due at the end of each term, and if not paid within fifteen days after the beginning of the next term, interest will be charged, and students so indebted will not be allowed to attend recitations until their dues are paid. No student will be admitted to a higher class until all his bills due to the College shall be paid, unless for special and extraordinary reasons permitted so to do by the President and Trustees.

TERMS AND VACATIONS.

Commencement on the second Thursday of July.

Vacation, eleven weeks.

The First Term begins Thursday, eleven weeks from Commencement, and closes on the Wednesday preceding Christmas.

Vacation, two weeks.

The Second Term begins on Thursday, two weeks from the close of the first term, and continues thirteen weeks.

Vacation, one week.

The Third Term begins Thursday, one week from the close of the second term, and continues till Commencement.

At the beginning of each term the first College exercise will be morning prayers on Thursday. At the beginning of the first term, one day will be allowed for arranging rooms.

ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College during every day of term time, and only an absolute necessity should warrant absence. Excuses for absence will be accepted only for imperative reasons, of the sufficiency of which the Faculty will judge.

When pecuniary necessity makes it unavoidable, students may, upon seasonable petition, and by vote of the Faculty, have leave of absence during a portion of term time when actually engaged in teaching, or in literary or scientific pursuits.

ACKNOWLEDGMENTS.

The following important donations to the Zoological Collection have recently been received.

From THOS. F. PERLEY, M.D., Portland, nine cases mounted insects.

From the PEABODY ACADEMY OF SCIENCE, through A. S. PACKARD, JR., M.D., Salem, Mass., a collection of mounted Insects, alcoholic specimens of Worms, Crustaceans and Echinoderms, and many species of Silurian and Devonian fossils.

MEDICAL FACULTY.

JOSHUA L. CHAMBERLAIN, LL.D..... *President.*

JOHN T. GILMAN, M.D..... *From the Board of Trustees.*

JOHN D. LINCOLN, M.D. }
WILLIAM H. TODD, M.D. } *From the Board of Overseers.*

ALFRED MITCHELL, M.D..... *Secretary.*

ALONZO B. PALMER, M.D..... *Pathology and Practice.*

WILLIAM W. GREENE, M.D..... *Surgery and Clinical Surgery.*

ALFRED MITCHELL, M.D..... *Obstetrics and Diseases of Women
and Children.*

FREDERIC H. GERRISH, M.D..... *Materia Medica, Therapeutics,
and Public Health.*

CHARLES W. GODDARD, A.M..... *Medical Jurisprudence.*

HENRY CARMICHAEL, PH.D..... *Chemistry.*

BURT G. WILDER, M.D..... *Physiology.*

STEPHEN H. WEEKS, M.D..... *Anatomy.*

CHARLES W. BRAY, M.D..... *Demonstrator of Anatomy.*

DANIEL F. ELLIS, M.D. *Registrar and Librarian.*

THOMAS A. FOSTER, M.D. }
DANIEL E. MARSTON, M.D. } *Visitors from Maine Medical Association.*

MEDICAL STUDENTS.

FEB. — JUNE, 1877.

NAME.	RESIDENCE.	PRECEPTOR.
Eben Alden,	<i>Union,</i>	E. Alden.
William Alden, A.B.,	<i>Portland,</i> W. W. Green & P. S. M. I.	
Franklin Haley Allen,	<i>Springvale,</i>	I. Brooks.
Almon Ethan Andrews,	<i>Biddeford,</i> H. E. Hill & P. S. M. I.	
Charles Freeman Atwood,	<i>Winterport,</i> A. W. Swett & I. Brooks.	
Homer Fremont Benson,	<i>Newport,</i>	J. Benson.
James Blaisdell,	<i>Denmark,</i>	H. H. Cole.
James Laurin Budge,	<i>Lee,</i>	P. C. Jones.
Samuel Crosby Bridgham,	<i>West Minot,</i>	A. Mitchell.
Charles Wesley Brown,	<i>Livermore Falls,</i>	F. Garcelon.
Albert Henry Burroughs,	<i>Portland,</i> F. H. Gerrish & P. S. M. I.	
Albert Currier Buswell,	<i>Weare, N. H.,</i>	A. R. Dearborn.
George Hoyt Calley,	<i>Bristol, N. H.,</i>	H. B. Fowler.

Jefferson Cary,	<i>Houlton,</i>	H. M. Keyser & J. Donnels.
William Cammett, jr.,	<i>Portland,</i>	S. C. Gordon & P. S. M. I.
Charles Henry Cates,	<i>Bangor,</i>	M. Preble.
Frederick Chandler,	<i>Fryeburg,</i>	I. Chandler.
Edwin Ruthvinne Chadbourne.	<i>North Bridgton,</i>	T. F. Perley & P. S. M. I.
Benjamin Taylor Church,	<i>Boston, Mass.,</i>	J. A. McDonough.
William Pitt Cleaveland,	<i>Anson,</i>	C. D. Morrill.
Ephraim Pierce Cole,	<i>South Eliot,</i>	C. H. Guptill.
Lebbens Curtis, jr.,	<i>Searsport,</i>	E. Hopkins.
Augustus Palmer Dudley,	<i>Portland,</i>	Files, Gordon & P. S. M. I.
Dana Willis Fellows,	<i>Lincoln,</i>	W. B. Bullard.
Louis Caleb Ford,	<i>Atkinson,</i>	E. P. Snow.
William Herbert Gerrish.	<i>Portland,</i>	P. S. M. I.
Isaac Getchell, jr.,	<i>Presque Isle,</i>	E. G. Decker.
Orville Clark Gordon, A.B.,	<i>Chesterville,</i>	P. Dyer.
Lucian Hayden Guptill,	<i>South Eliot,</i>	C. H. Guptill.
George Leander Gurney,	<i>East Corinth,</i>	J. Huckins.
Melvin Alphonzo Harmon,	<i>Freedom, N. H.,</i>	P. S. M. I.
George Herbert Hawley,	<i>Bath,</i>	A. J. & E. M. Fuller.
Joseph Webster Heath,	<i>Ashland, N. H.,</i>	Chase & Whipple.
Edgar Dwight Hill,	<i>Biddeford,</i>	H. E. Hill & P. S. M. I.
Eugene Holden,	<i>Oxford,</i>	A. L. Hersey.
Ebenezer Humphrey,	<i>Jay,</i>	J. R. Eaton.

Charles Henry Hunter, A.B.,	<i>Pittsfield,</i>	J. C. Manson.
Fred Augustus Jordan,	<i>New Portland,</i>	S. A. Bennett.
Isaac Chase Irish,	<i>Turner,</i>	H. L. Irish.
Frank Luvill Judkins,	<i>Freedom, N. H.,</i>	P. S. M. I.
David Ashby Kincaid,	<i>Cape Elizabeth Ferry,</i>	E. E. Holt.
Frank Joseph King,	<i>Providence, R. I.,</i>	W. H. & D. O. King.
Alfred Greeley Ladd, A.B.,	<i>Portland,</i>	I. A. Watson & P. S. M. I.
George Melville Lee,	<i>South Berwick,</i>	C. P. Gerrish.
William Baltimore Lovett,	<i>Oakland, Cal.,</i>	G. E. Brickett.
Daniel Ozro Smith Lowell, A.B.,	<i>Denmark,</i>	J. H. Kimball.
Nathaniel Mason Marshall,	<i>East Hebron,</i>	A. Q. Marshall.
George Emerald McCurdy,	<i>Union,</i>	W. A. Albee.
Seth Bradford Morse,	<i>Buckfield,</i>	D. F. Ellis.
Charles Thompson Moulton,	<i>Canton,</i>	J. G. Pierce.
George Franklin Munsey,	<i>Gilmanton, N. H.,</i>	J. Wheeler.
Gustavus Judson Nelson,	<i>China,</i>	Crosby, Wilson & Merrill.
Will Wallace Nutting,	<i>Bath,</i>	R. D. Bibber.
Samuel Wilson Otis,	<i>Newburg,</i>	P. M. Whitten, F. O. J. & S. Hill.
James Henry O'Toole,	<i>Lowell, Mass.,</i>	W. M. Hoar.
Frank Henry Packard,	<i>Paris,</i>	O. K. Yates.
Amos Weston Plummer,	<i>Winterport,</i>	H. C. Baxter.
Alvah Augustus Plummer,	<i>Topsham,</i>	A. Mitchell.
Frank Mason Putnam,	<i>Winthrop,</i>	A. P. Snow & P. S. M. I.

Levi Emmons Quimby,	<i>Phillips,</i>	F. A. Kimball.
William Gilman Reed, A.B.,	<i>Woolwich,</i>	C. A. Packard.
Frank Whitman Ring, A.M.,	<i>Portland,</i>	C. A. Ring.
William Henry Gulliver Rowe, SC. B.,		
Alfred Alfred Dow Sawyer,	<i>Auburn,</i> <i>Lisbon,</i>	Dr. Tewksbury. C. H. Foster.
William Langdon Simpson,	<i>Saco,</i>	J. L. Allen.
Frederic Joseph Small,	<i>Bath,</i>	A. J. & E. M. Fuller.
Henry Audubon Small,	<i>Portland,</i>	P. S. M. I.
Granville Ira Smart,	<i>North Fryeburg,</i>	J. P. Sweat.
Charles Dennis Sprague,	<i>Milo,</i>	S. B. Sprague.
Robert Given Stanwood, A.B.,	<i>Brunswick,</i>	C. A. White & A. Mitchell.
Isaac Warren Starbird, A.M.,	<i>Portland,</i>	H. N. Small & P. S. M. I.
Silas Appleton Stephens,	<i>Bath,</i>	A. J. & E. M. Fuller.
William Stephenson,	<i>Portland,</i>	P. S. M. I.
Oscar Whitney Stone,	<i>Exeter,</i>	F. N. Wheeler.
O'Neil Watson Robinson Straw,	<i>Newfield,</i>	N. Wight.
John Aiken Sweat, A.B.,	<i>Minneapolis, Minn.,</i>	I. P. Sweat.
Edward Swasey,	<i>Limerick,</i>	W. Swasey.
George Loring Tobey,	<i>Kingfield,</i>	F. H. Russell.
Alonzo Gardiner Trafton,	<i>Alfred,</i>	F. B. Merrill.
John Adam Twaddle,	<i>Weld,</i>	C. W. Taggart.
Joseph Bellis Twaddle,	<i>Weld,</i>	C. W. Taggart.
Joseph Armour Wade, A.B.,	<i>St. Andrews, N. B.,</i>	W. T. Black.

William Purkis Watson,	<i>Gorham,</i>	A. P. Topliff.
George Franklin Webber,	<i>Litchfield,</i>	C. Kindrick.
Albion Stinson Whitmore, A.B.,	<i>Brunswick,</i>	S. Whitmore & P. S. M. I.
George Henry Weston,	<i>Augusta,</i>	Brickett & Bolar.
Charles Edward Williams,	<i>Auburn,</i>	E. H. Hill.
John Lemuel Murray Willis,	<i>Eliot,</i>	C. H. Guphill.
Ellery May Wing,	<i>North Livermore,</i>	Ladd & Alden.
Henry David Worth,	<i>East Corinth,</i>	J. Huckins.

MEDICAL SCHOOL OF MAINE.

THE MEDICAL SCHOOL OF MAINE, by an Act of the Legislature, is placed under the superintendence and direction of the Board of Trustees and Overseers of Bowdoin College. By their joint authority all the degrees of M.D. are conferred.

The 57th Course of Lectures commenced FEBRUARY 15th, 1877, and will continue sixteen weeks. The Introductory Lecture was delivered at 3 o'clock P. M., by Prof. Burt G. Wilder.

Students on arriving should call at once on the Registrar of the College, Dr. Ellis, to enter their names, present their certificates, and purchase their tickets. They may also obtain from him all necessary information in regard to boarding-houses.

Price of Board from \$3.00 to \$5.00 per week.

TERMS OF ADMISSION.

Candidates for Matriculation will be required to give evidence that they possess a good English education.

The Fees for admission to the several Courses of Lectures, payable in advance, and by cash only, are \$75. Matriculation, or Library Fee, payable each term, \$5.

Pupils who have attended two full courses of Medical Lectures, one of which has been in this School, are admitted to all subsequent courses without payment of any Lecture Fees.

Students who have attended two full courses at other regular Medical Institutions, are required to pay \$25 for admission to their first course of Lectures at this School, in addition to the Matriculation Fee.

The Graduation Fee, including the Diploma, is \$20.

No student will be allowed to attend any course of lectures in this School without the certificate of the Secretary. Members of the medical profession are cordially invited to attend the lectures at any time.

Graduates of other Schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Every student is expected to remain till the close of the term.

LIBRARY.

The Medical Library attached to this School is one of the best in the United States. It contains about 4000 volumes, which have been selected with much care, and is annually increasing. It embraces the works of all authors of standard authority, also an extensive and valuable collection of Plates.

Each member of the Medical Class is entitled to borrow two volumes a week from the Library. Those who are candidates for examination for the degree of M. D., during the year, are permitted to exchange their books twice a week.

ANATOMICAL CABINET.

Its valuable specimens of Morbid and Comparative Anatomy are constantly increasing. It has recently been thoroughly re-arranged and enriched by valuable purchases abroad. Prof. Dwight has also prepared frozen sections of various anatomical regions. This form of preparation it is believed is not to be found in other American Cabinets.

PHYSIOLOGY.

The Faculty still desire to call attention to the establishment of a separate chair of Physiology, which important Department was until four years since connected with that of Anatomy, to the manifest disadvantage of both.

The Faculty also take pleasure in announcing that Prof. Gerrish will, in addition to his usual instruction, continue his course of lectures upon Public Health. This will be a gratuitous service, but one of special value and importance. It is rarely that an opportunity for specific study of this subject is afforded.

CHEMISTRY.

The Chemical Department embraces every article of apparatus essential to a complete illustration of the principles of Chemistry.

Students may also avail themselves of the facilities afforded for the study of Analytical Chemistry in the College.

CLINICS.

Clinics are held every SATURDAY MORNING during the term. Patients requiring medical or surgical advice and treatment may present themselves on Saturday mornings from 8 to 11 o'clock.

All examinations in the presence of the Class are made without charge. All surgical operations are gratuitously performed.

TEXT BOOKS.

ANATOMY — Wilson and Grey; Dwight on the Head.

CHEMISTRY — Beilstein's Elements of Qualitative Analysis, Roscoe's Chemistry, Galloway's Manual of Qualitative Analysis, Fresenius Quantitative Chemistry, Hoffman's Introduction to Modern Chemistry.

PHYSIOLOGY — Flint, Marshall, Dalton.

MATERIA MEDICA AND THERAPEUTICS — H. C. Wood, Biddle, Stille, Waring, Ringer, Headland.

PRACTICE OF MEDICINE — Aitken, Niemeyer, Flint, Watson, Wood, Tanner.

PATHOLOGICAL HISTOLOGY — Reindfleisch, Virchow.

DISEASES OF CHILDREN — J. L. Smith, Vogel, West, Condie.

SURGERY — Gross, Erichsen, Druit, Greene's Questions.

SURGICAL PATHOLOGY — Billroth, Paget.

MIDWIFERY — Cazeaux, Leishman, Schroeder.

DISEASES OF WOMEN — Thomas, Barnes, Schroeder.

MEDICAL JURISPRUDENCE — Tyler, Ordronaux, Beck.

EXAMINATIONS AND GRADUATION.

Students, and particularly candidates for a Degree, are examined either daily or weekly on the subjects of the Lectures.

The Faculty believing that it is desirable for students to pay especial attention to the primary branches during the first portion of their course of study, in order that they may be better prepared to appreciate the more advanced subjects in the latter part, have voted that any student may present himself for examination in Anatomy, Physiology and Chemistry (any or all), at the regularly appointed time for examination, provided he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he shall have completed at least twelve months of actual study, and have attended a full course of lectures in this School. From the terms of the vote, this course will be recognized as a voluntary one. An official record of the result of the successful examination will be kept. The successful passage of an examination will not exempt a student from faithful attendance upon any exercises in any department during subsequent courses.

The examinations for the Degree of Doctor of Medicine are held by the Faculty of Medicine at the close of the course of Lectures, and also on the second Monday before the annual Commencement of the College, which occurs on the second Thursday in July. Degrees are conferred at Commencement.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular Practitioner of Medicine. They must have attended two full courses of Lectures in some regular, incorporated Medical Institution; and the last course, previous to examination, must have been at this School. They must deposit with the Secretary of the Faculty satisfactory certificates of good moral character, and of having pursued their Medical Studies for the required term. They must also pass a satisfactory written and oral examination in Anatomy, Physiology, Surgery, Chemistry, Materia Medica, Pharmacy, Obstetrics, Pathology and Practice. They must also read and defend a Thesis or Dissertation on some Medical subject in the presence of the Faculty of Medicine.

A fair copy of the Thesis or Dissertation must be deposited with the Secretary of the Faculty at least ten days before the commencement of the Examination at the close of the Lectures. These copies are preserved in the Medical Library.

The foregoing is a brief statement of the means of acquiring Medical knowledge which may be enjoyed at this Institution. No efforts will be spared which may tend to render these means beneficial, and to promote the instruction of pupils in Medical Science.

SUMMARY.

Post Graduates.....	3
Medical Students.....	90
Senior Class.....	42
Junior Class.....	20
Sophomore Class.....	23
Freshman Class.....	49
	134
Total.....	227

ABBREVIATIONS.

A. H., Appleton Hall. M. H., Maine Hall. W. H., Winthrop Hall. P. S. M. I., Portland School for Medical Instruction. L. S. M. I., Lewiston School for Medical Instruction.

APPOINTMENTS FOR COMMENCEMENT, JULY 13, 1876.

MASTERS.

<i>English Oration,</i>	-	-	-	-	Augustus Freedom Moulton.
<i>Valedictory,</i>	-	-	-	-	Fred Arthur Wilson.

BACHELORS.

ORATIONS.

Salutatory,— John Adams Morrill.

Charles Sewall Andrews,	Alvah Horton Sabin,
John Gair Libby,	Charles Herbert Clark,
	Arlo Bates.

PHILOSOPHICAL DISQUISITIONS.

Oliver Crocker Stevens,	William Gay Waite.
Walter Augustine Robinson,	Franklin Conant Payson.

LITERARY DISQUISITIONS.

Charles Taylor Hawes,	Frank Reed Kimball,
Edward Hazen Kimball,	Walter H. Marrett,
Jere Merrill Hill,	Charles Sumner Taylor,
	Charles Albert Perry.

DISQUISITIONS.

Tascus Atwood,	Erwin Barrett Newcomb,
Charles Gardner Wheeler,	John Howard Payne,
Charles Augustus Whittemore,	Collins Grant Burnham,
	George Franklin Pratt.

DISCUSSIONS.

Oriville Clark Gordon,	Fred Milo Stimson,
Charles Sargent,	Allen Ellington Rogers,
George Thomas Prince,	John Henry White.

DISSERTATIONS.

William Henry Gulliver Rowe,	Alpheus Sanford,
Elijah Howard Hall,	George Parsons,
	Hardy Ropes Sewall.

ESSAYS.

John Samuel Leavitt,	George Bartol Merrill,
Frank Vernon Wright,	Bion Wilson,
Arthur Taylor Parker,	William Alden.

COMPETITORS FOR CLASS OF 1868 PRIZE.

CLASS OF 1876.

Arlo Bates,	John Gair Libby,
John Adams Morrill,	Alvah Horton Sabin,
Charles Sargent,	William Gay Waitt.

JUNIOR PRIZE DECLAMATION, 1876.

CLASS OF 1877.

William Gerrish Beale,	William Titcomb Cobb,
Frank Herbert Crocker,	Serope Armenag Grdjian,
Orlando Marrett Lord,	Carroll Willie Morrill,
Robert Edwin Peary,	Curtis Appleton Perry,
John Alfred Roberts,	Edwin Albert Scribner,
Addison Monroe Sherman,	Lewis Alfred Stanwood,

SOPHOMORE PRIZE DECLAMATION, 1876.

CLASS OF 1878.

John Micajah Burleigh,	Alfred Edgar Burton,
Daniel Henry Felch,	Stephen Deblois Fessenden,
John Franklin Hall,	James Lucius Higgins,
Carson Minor Jacobs,	Philip Lee Paine,
Barrett Potter,	George Colby Purington,
William Edward Sargent,	Samuel Emerson Smith.

APPOINTMENTS FOR EXHIBITIONS, 1876-7.

WINTER EXHIBITION.

SENIORS.

George Thomas Little, <i>Salutatorian</i> ,	William Titcomb Cobb,
Serope Armenag Grdjian,	Edward Clarence Metcalf,
Curtis Appleton Perry,	Charles Bailey Seabury,
James Wingate Sewall,	George William Tillson.

JUNIORS.

Alfred Edgar Burton, Otis Wood Garland,
Barrett Potter.

SPRING EXHIBITION.

SENIORS.

John Alfred Roberts, *Salutatorian*, William Gerrish Beale,
John Eliphaz Chapman, Edgar Millard Cousins,
Carroll Willie Morrill, Charles Lendol Nickerson,
Robert Edwin Peary, Addison Monroe Sherman.

JUNIORS.

Hartley C. Baxter, Daniel Henry Felch,
Thomas Moses Pray.

AWARDS IN 1876.

CLASS OF 1868 PRIZE.

John A. Morrill.

ENGLISH COMPOSITION.

First Prize, John A. Morrill, Charles Sargent.

Second Prize, Arlo Bates, Charles T. Hawes.

EXTEMPORANEOUS ENGLISH COMPOSITION.

First Prize, Frank A. Mitchell; *Second Prize*, William T. Cobb,

JUNIOR DECLAMATION.

First Prize, John A. Roberts; *Second Prize*, Robert E. Peary.

SOPHOMORE DECLAMATION.

Frist Prize, Samuel E. Smith; *Second Prize*, George C. Purington.

GREEK EXAMINATION PRIZE.

Otis W. Garland.

LATIN EXAMINATION PRIZE.

Thomas M. Pray.

BROWN MEMORIAL SCHOLARSHIPS.

F. C. Payson, class of 1876; Robert F. Peary, class of 1877; Alfred E. Burton, class of 1878; Frank S. Corey, class of 1879.

BOWDOIN COLLEGE SUMMER SCHOOL OF SCIENCE

For 1877.

Commencing July 16th and extending six weeks.

SECOND YEAR.

This school is designed for teachers, graduates of colleges, and others, of both sexes, who desire an opportunity of gaining a practical acquaintance with

Chemistry,
Mineralogy and
Zoology.

These sciences will be taught by laboratory work, familiar lectures, and by excursions to mineral localities, and also to the neighboring coast for the study of living forms.

The number of members limited.

Applications for membership must be received on or before July 9th.

Fee for a full course of two studies, \$20. Fee for one study, \$12.

H. CARMICHAEL, PH.D., Professor of Chemistry,

F. C. ROBINSON, A.M., Instructor in Chemistry,

LESLIE A. LEE, A.M., Instructor in Natural History.

Address for circulars either of the above.

CALENDAR.

1877.

- Jan. 4. Second Term commenced.
- Feb. 15. Medical Lectures began.
- April 2. Exhibition of Senior and Junior Classes.
- April 3. Examination on Studies of the Term.
- April 4. Close of Term.

VACATION OF ONE WEEK.

- April 12. Third Term commences.
- April 19-20. Smyth Scholarship examination.
- June 4. Competition for 1868 Prize.
- June 4-5. Examination of Senior Class.
- June 6. Medical examination.
- July 2-3-5. Examination of the three lower classes.
- July 10. Class Day.
- July 11. Alumni Day.
- July 12. Commencement.
- July 13. Examination for admission to College.

